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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के स्पष्ट में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 2nd April 1977

CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated the 11th December 1976 at page 959, column 1 under No. 140647 after the name of the inventors add Balakrishna Ganapathy Sundaram.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

The 24th February 1977

273/Cal/77. Westinghouse Electric Corporation. Circuit breaker with improved trip means having a high rating shunt trip.

274/Cal/77. Elizbar Mikhailovich Balavadze, Kirill Maximovich Saldadze, Vladimir Grigorievich Stepanov, Ilya Mikhailovich Tseitlin, Ratmir Glessovich Nilovidov and Boris Alexandrovich Pligin. Device for automatically controlling desalination of electrolytic fluids in direct-flow electrodialysis apparatus.

275/Cal/77. B. Gold. Improvements relating to machines for generating motion. (February 25, 1976).

276/Cal/77. Novo Laboratories, Inc. Apparatus for introducing a predetermined volume of enzyme solution into the lens of an eye.

7 GT/77

The 25th February 1977

277/Cal/77. Hoechst Aktiengesellschaft. Monoazo compounds, process for their preparation and their use as colorants.

278/Cal/77. National Petrochemical Company. Method for the recovery of phosphoric acid from phosphate rock.

279/Cal/77. Wheelabrator-Frye Inc. Portable apparatus for treating surfaces.

280/Cal/77. Stauffer Chemical Company. Olefin polymerization catalyst comprising a monoterpenic ketone and process employing same.

281/Cal/77. Veba-Chemie Aktiengesellschaft. A process for the purification of pressurised gases.

The 26th February 1977

282/Cal/77. Telefonaktiebolaget L M Ericsson. Current pulse circuit for ferrit core memories.

283/Cal/77. Chloride Group Limited. Electrochemical cells. (March 11, 1976).

The 28th February 1977

284/Cal/77. General Electric Company. Color-stabilized halo-bisphenol-ethylene polycarbonates.

285/Cal/77. General Electric Company. Color-stabilized halo-bisphenolethylene polycarbonates.

286/Cal/77. General Electric Company. Flame retardant rigid thermoplastic foams.

(319)

Division 10D	
Act. No. 10D-1161	
Date of 5/1/77	
Ref. No.	
Processed	Checked
Date of Transfer	

- 287/Cal/77. General Electric Company. Fiberglass reinforced halobisphenol-ethylene polycarbonates.
- 288/Cal/77 Johns-Manville Corporation. Thermal insulating duct liner.
- 289/Cal/77. Meneil Corporation. Mold blow out apparatus.
- 290/Cal/77. Dukka Venkata Rama Rao. Collapsible lunch box.
- 291/Cal/77. Shell Internationale Research Maatschappij B.V. Preparation of pesticidal benzyl esters. (March 1, 1976)

The 1st March 1977

- 292/Cal/77. Richter Gedeon Vegyeszeti Gyár RT. Process for preparing 1-tert.-butylamino-3-(2, 5-dichlorophenoxy)-2-propanol.
- 293/Cal/77. Lucas Industries Limited. Transformer. (November 27, 1976).
- 294/Cal/77. Institut Obschei I Neorganicheskoi Khimii Akademii Nauk Belorusskoi SSR. Process for enamel coating of steel articles.
- 295/Cal/77. B. Gandhi. A textile apparatus.
- 296/Cal/77. B. Gandhi. A texturizing apparatus.
- 297/Cal/77. B. Gandhi. A dial gauge magnetic base stand.
- 298/Cal/77. Neyric—B.M.B. S.A. A press unit for use in the manufacture of fibrous sheet material.
- 299/Cal/77. Creusot-Loire. Process of manufacturing an alloy steel, particularly a chrome steel, from a granulated ferro-alloy in an electric arc furnace.
- 300/Cal/77. Societe D'Etudes DF Produits Chimiques. New isobutyramides and preparation thereof. (March 17, 1976).
- 301/Cal/77. Ultra Centrifuge Nederland N.V. Vibration damper for a rotor.

The 2nd March 1977

- 302/Cal/77. Orissa Cement Limited. Septic tank for water closet.
- 303/Cal/77. Orissa Cement Limited. Method of lining or repairing furnace parts with ramming mass or mouldables.
- 304/Cal/77. Orissa Cement Limited. Method of lining or repairing furnace parts with ramming mass or mouldables.
- 305/Cal/77. Debananda Pramanik. Process of making coal blocks for complete and smokeless burning.
- 306/Cal/77. Debananda Pramanik. Process of making char from Agricultural wastes and weeds.
- 307/Cal/77. Westinghouse Electric Corporation. Reducing the switching time of semiconductor devices by nuclear irradiation.
- 308/Cal/77. Hazemeijer B. V. Improvements in or relating to vacuum switches.
- 309/Cal/77. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Drive apparatus for the detaching rollers of combing machines.
- 310/Cal/77. Nestle Products Limited. Process for preparing a soluble tea product.
- 311/Cal/77. Instytut Nanozow Sztucznych. Installation for conducting a synthesis reaction of urea.
- 312/Cal/77. Bharat Heavy Electricals Limited. A pressure and differential pressure transmitter.
- 313/Cal/77. Bharat Heavy Electricals Limited. A pressure and differential pressure transmitter.
- 314/Cal/77. B. Gandhi. An electrical relay.
- 315/Cal/77. B. Gandhi. Ground fault interruptor.

APPLICATION FOR PATENTS FILED AT THE
(DELHI BRANCH).

The 2nd February 1977

- 19/Del/77. S. N. Satak. Textile screen printing tables and drying arrangement.

The 5th February 1977

- 20/Del/77. Council of Scientific and Industrial Research. 3-amino-17a-Aza-D-Homoandrostane analogues.

The 7th February 1977

- 21/Del/77. B. M. Gupt, S. K. Gupta and S. K. Gupta. Skirt tubewells.

- 22/Del/77. J. N. P. Agarwal. A tubewell strainer.

- 23/Del/77. Unisystems Private Limited. A crate.

- 24/Del/77. J. N. P. Agarwal. An adapter.

- 25/Del/77. The Director, All India Institute of Medical Sciences. Ships or discs for conducting tests relating to contact dermatitis.

The 9th February 1977

- 26/Del/77. A. Shahryar. Regenerative solar heat pump.

- 27/Del/77. Dr. R. N. Dwivedi and Dr. P. Nath. Production of photo chronic glass.

- 28/Del/77. P. K. Narula. Disposable hypodermic springs.

- 29/Del/77. P. K. Narula. Disposable hypodermic needles.

The 16th February 1977

- 30/Del/77. Council of Scientific and Industrial Research. Improvements in or relating to breath alcohol analysers for detecting alcohol in breath.

The 19th February 1977

- 31/Del/77. Council of Scientific and Industrial Research. A piezoelectric micrometer.

- 32/Del/77. Council of Scientific and Industrial Research. A process for grouting steel bolts, cables and cellular bolts in a drill hole for support of ground in mines and civil engineering works.

- 33/Del/77. V. K. Bansal. Improvements in or relating to tennis and for badminton racket frames.

The 21st February 1977

- 34/Del/77. Swadeshi Polytex Limited. A novel technique for incorporating dyestuffs and chemicals to polymer compositions.

APPLICATION FOR PATENTS FILED AT THE
(MADRAS BRANCH).

The 21st February 1977

- 39/Mas/77. D. S. Varadan. Alpha calculator.

The 22nd February 1977

- 40/Mas/77. IDI Chemicals Limited. A detonating fuse.

The 23rd February 1977

- 41/Mas/77. T. A. Vijayan. Antibodies to pancreatic amylases lipases as weight reducing agent.

- 42/Mas/77. G. D. Buell. Disposable containers with a built in ripping or opening device.

- 43/Mas/77. G. D. Buell. Disposable containers with a built in piercing device.

- 44/Mas/77. G. D. Buell. Disposable containers for the purpose of sealing and storing or transporting or marketing fluids incorporating an arrangement such as

a siphon so constructed into the containers as to facilitate the easy apprehension and extention of the siphon arrangement for the purpose of the easy drinking or its fluid contents.

The 24th February 1977

45/Mas/77. C. Hariprasad. A method of, and a device for, drying tea.

The 25th February 1977

46/Mas/77. V. H. Patil. Levelling the land mechanically with assistance of tractor and for laying the border-strips as a preliminary step for irrigation.

The 26th February 1977

47/Mas/77. C. Hariprasad. A method of preparation of ammonia.

COMPLETE SPECIFICATIONS ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972,

"The classifications given below in respect of each specification are according to Indian Classification and International Classification respectively"

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra if sent out India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 90-C & F & I.

141629.

Int. Cl.-G01b 11/30.

DETERMINATION OF OPTICAL QUALITY OF FLAT GLASS SHEETS.

Applicant : LIBBEY-OWENS-FORD COMPANY, OF 811 MADISON AVENUE, TOLEDO, OHIO, U.S.A.

Inventor : ROBERT EDWARD MALTBY, JR., WALTER DAVID MC COMB, AND RICHARD DALE SCHAVE.

Application No. 2459/Cal/73 filed November 8, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 Claims.

In a method of manufacture of a sheet of transparent or reflective material whose surfaces are generally smooth in the area under observation and whose imperfections include those which behave as lenses, the step of determining the optical quality of said sheet, characterised in that a pair of spaced, substantially parallel beams of light are directed against an area of said sheet, said beams, after having been transmitted and/or reflected by said sheet, are periodically sequentially chopped at a constant rate at a position spaced from said sheet, said chopped beams are photoelectrically

Applicant & Inventor : CHITIA RANJAN MUKHERJEE, OF 116/A, RAMLAL AGARWALLA LANE, CALCUTTA 7/00050, WEST BENGAL, INDIA.

Application No. 325/Cal/74 filed February 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An improved generator which has in combination—

- (i) a conventional generator to generate electricity; and
- (ii) an electrical device comprising field magnets and an armature containing conductors, adapted besides countering the opposing force produced on the conventional generator shaft, to produce the driving device being fixed onto and rotating along with the device being fixed into and rotating along with the generator shaft continuously exerts the driving force on the said shaft.

CLASS 33A & II.

141631.

Int. Cl.-B22d 41/00.

OPERATING MECHANISM FOR SLIDABLE GATES OF BOTTOM POUR VESSEL.

Applicant : USS ENGINEERS AND CONSULTANTS, INC., OF 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Inventor : EARL PAGE SHAPLAND, JR.

Application No. 413/Cal/74 filed February 27, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

An operating mechanism for slidable gates which are used to control flow of liquid from a bottom-pour vessel, said mechanism comprising :

a frame for attachment to the vessel; gate-supporting means on said frame for slidably supporting blank and orifice gates for movement between a ready position, a position under the vessel outlet and for removal; and

drive means for moving said gates said orifice gate being movable rapidly from said ready position to a slow-motion region under the vessel outlet extending at least between a position in which the outlet is partially open and a position in which it is fully open; and said drive means being plural speed, and having a main drive means for moving said orifice gate at a first rapid speed from said ready position to said slow-motion region and an auxiliary drive means for moving said orifice gate at a second slow speed through said slow-motion region.

CLASS 50-D & 90-I.

141632.

Int. Cl.-C03b 9/00.

IMPROVEMENTS IN OR RELATING TO AN APPARATUS FOR EVAPORATIVE COOLING OF TOOLS IN GLASS-WORKING MACHINES.

Applicant : HERMANN HEYE, OF ALLEE, D 4962 OB-ERNKIRCHEN, FEDERAL REPUBLIC OF GERMANY.

Inventor : DR. ING. KARL FRIEDRICH HAHN.

Application No. 455/Cal/74 filed March 2, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

An apparatus for carrying out the evaporative cooling of tools in glass-working machines, wherein a jacket assembly for receiving a cooling liquid is provided so as substantially to cover and contact the surface of the tool to be cooled.

CLASS 27-I.

141633.

Int. Cl.-E02d 29/00.

METHOD AND DEVICE FOR A FOUNDATION BY DEPRESSION IN AN AQUATIC SITE FOR A STRUCTURE.

Applicant : SEA TANK CO., OF 12 RUE D' AGUES-
EAU, 75008 PARIS (France).

Inventor : ROGER LACROIX.

Application No. 512/Cal/74 filed March 11, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Method and device for a foundation by depression in an aquatic site for a structure comprising a tank with an apron provided with ridges digging into the ground in stratified layers having a slight thickness in relation to the dimensions of the said apron and comprising a surface layer of permeable sand resting on an impermeable layer of clay, characterized in that the said ridges (8) having a height greater than the thickness of the said sandy layer (1) and arranged continuously at the periphery of the said apron (7) after the submerging of the said tank (6) enclose the said sandy layer (1) in a confined space comprised between the said apron (7) and the said clay layer (2) and in that by suction of the trapped water, the depression ensuring the continuation of the sinking of the said tank (6) is obtained.

CLASS 137L.

141634.

Int. Cl.-G01d 3/00.

A MODIFIED FORM OF SAROD (STRINGED MUSICAL INSTRUMENT).

Applicant & Inventor : ASOK KUMAR GUHA, 94 D, PURNA MITRA PLACE, CALCUTTA-33, INDIA.

Application No. 617/Cal/74 filed March 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A modified Sarod (stringed musical instrument) having the usual strings of Sarod characterized by the combination that the sound chamber and the neck portion are made as separate pieces and are joined to each other to form the Sarod, the sound chamber having an elliptical aperture provided on the upper surface thereof.

CLASS 39-A.

141635.

Int. Cl.-C01b 7/22.

PROCESS OF SEPARATING HYDROGEN FLUORIDE FROM GASES.

Applicant : METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF 6 FRANKFURT MAIN, REUTERWEG 14, WEST GERMANY & VEREINIGTE ALUMINIUM-WERKE AG, 53, BONN 1, GERICHTSWEG 48, WEST GERMANY.

Inventors : ERNST WECKESSER, (2) DR. VOLKER SPARWALD, (3) DR. LOTHARREH, (4) DR. EBERHARD BOHN, (5) ROLF GRAF.

Application No. 897/Cal/74 filed April 19, 1974.

Addition to No. 130632.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Improvement in or modification of the process as claimed in parent specification No. 130631 for a process of separating hydrogen fluoride from gases with the aid of fluidized solids (adsorbents), wherein the gases which contain hydrogen fluoride are introduced as a fluidizing gas into a fluidized-bed reactor at such a velocity that the gas and solids form a fluidized bed which has a very low density and in which the solids concentration decreases from bottom to top, and a major part of the solids is discharged upwardly, and wherein the solids entrained by the gases are collected in an immediately succeeding electrostatic precipitator.

CLASS 136E & 150E.

141636.

Int. Cl.-B29c 27/16 & C09j 5/10.

AN APPARATUS FOR HOLDING FLEXIBLE PLASTIC FILM IN FASTENING SYSTEMS.

Applicant : PLANT PRODUCTS CO. LTD. OF 314, ORENDA ROAD, BRAMALEA, ONTARIO, CANADA.

Inventor : WALTER J. CURRY.

Application No. 2016/Cal/74 filed September 9, 1974.

Convention date July 8, 1974 (204,271/74) Canada.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Apparatus for holding flexible plastic film in place comprising in combination an elongated flexible channel including a base and a pair of side walls overhanging the side edges of said base, an elongated flexible locking strip detachably engageable under said overhanging side walls, characterized in that said locking strip includes a web and a pair of beads formed one upon each longitudinal edge of said web and upon one side thereof, said beads engaging under said overhanging side walls and facing the base of said channel when installed, the associated flexible plastic film being sandwiched between the locking strip and said channel.

CLASS 47E.

141637.

Int. Cl.-C10b 29/04.

BUCKSTAYS OF COKE OVEN BATTERY.

Applicant & Inventor : SHIBENDRA NARAYAN ROY, OF G-4, T. S. FLAT, RIVERSIDE ROAD, P.O. BURNPUR, DIST. BURDWAN, WEST BENGAL, INDIA.

Application No. 1087/Cal/75 filed May 30, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

A coke oven battery characterized in that buckstays on the coke side are modified over the existing coke oven battery, the buckstays having a counterweight at the top portion and an additional support (27) at the bottom under the coke guide car platform (14), the support having one arm (27a) rigidly connected with the buckstay, the other arm (27b) fixed over the movable rollers (28), the ram side buckstay having the additional support at the bottom and under the service platform (13) only.

CLASS 68-D & 69-B.

141638.

Int. Cl.-H01h 5/08, 47/14.

A SHOCK CONTROL DEVICE.

Applicant : SICCO ELECTRIC SHOCK CONTROL DEVICE PRIVATE LIMITED, OF 7-A, CHAKRABARIA ROAD NORTH, CALCUTTA-20, STATE OF WEST BENGAL, INDIA.

Inventor : ARULANANDASAMI JOSEPH STEPHEN.

Application No. 866/Cal/74 filed April 17, 1974.

Addition to No. 865/Cal/74.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An electric shock control device adapted to disconnect a load or loads from a three phase power source comprising a differential transformer having a winding for each of the phase lines, a neutral coil, a single inductance coil of said transformer connected to an amplifier, an input circuit for said amplifier and as described in parent patent application No. 865/Cal/1974 (Serial No. 141626) characterized a switching circuit connected to said amplifier, said loads connected to the differential transformer through said switching

circuit and such that upon a leakage occurring in any one load or all of said loads, the switching circuit is adapted to disconnect the load or loads from said differential transformer.

CLASS 40F. 141639.

Int. Cl.-B01j 2/00.

PROCESS FOR THE PREPARATION OF NON-DUSTY, EASILY WETTED AND READILY SOLUBLE GRANULATES.

Applicant: CIBA-GEIGY AG. OF KLYBECKSTRASSL 141, BASLE, SWITZERLAND.

Inventors: ALBERTO RABASSA, (2) ROLAND HABELLI, (3) HANS MOLLET,

Application No. 532/Cal/74 filed March 12, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

Process for the preparation of non-dusty, easily wetted and readily soluble granulates of any desired size, wherein the substance is granulated in a manner such as herein described from a mixture of liquids which are not miscible with each other or only partly miscible, the mixture then brought into a state of intense turbulence until agglomerates of this substance are formed, these agglomerates being subsequently separated from the liquid system such as herein described and dried.

CLASS 148-D & 147G. 141640.

Int. Cl.-G03c 7/24, 7/26.

COLOR PHOTOGRAPHIC MATERIALS AND METHOD FOR PREPARING THE SAME.

Applicant: FUJI PHOTO FILM CO. LTD OF NO. 210, NAKANUMA, MINAMI ASHIGARA-SHI, KANAGAWA, JAPAN.

Inventor: TAKESHI HIROSE, YASUSHI OISHI & TADAOKA SAKAI.

Application No. 591/Cal/74 March 19, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

In a colour photographic material comprising a support having thereon at least one silver halide emulsion layer containing a coupler capable of forming a dye by reaction with the oxidation product of an aromatic primary amino developing agent, the improvement which comprises in at least one of the emulsion layers of the colour emulsion layers of the colour photographic material containing a bleach inhibitor such as herein described defining a sound track portion of said photographic material, the back surface of said support of said color photographic material optionally dyed or pigmented at the portion corresponding to said sound tract portion on the silver halide emulsion layer side.

CLASS 40F & 50-D. 141641.

Int. Cl.-F25; 11/00.

METHOD AND APPARATUS FOR COOLING AND DUSTING HOT PARTICULATE MATERIAL.

Applicant: GREAT LAKES CARBON CORPORATION, OF 299, PARK AVENUE, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor: FRANKLIN H. WELTER.

Application No. 1287/Cal/74 filed June 12, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims.

A method of cooling a hot particulate material, such as delayed coker petroleum coke, which comprises introducing the particulate material into an initial zone of a slightly inclined continuously rotating, cylindrical rotary cooler which

is of substantial length and cross-sectional area, spraying water onto the material in an entry portion of the initial zone of the rotary cooler, thereby substantially cooling said material, further cooling said moisture particulate material by continuously introducing it into a following portion of the initial cooling zone in said cooler said following portion of the initial cooling zone being of sufficient length that substantial additional cooling of the material is effected, the temperature of the particulate material in said following portion of the initial zone also being sufficiently high that its moisture content becomes substantially reduced, and contingently supplying water to the material responsive to the temperature of the material at least one location within said cylinder, said temperature being measured by thermocouple means placed at said location through a non-rotating conduit means.

CLASS 62B & 73 & 172C. 141642.

Int. Cl.-D06c 7/00, 3/00.

APPARATUS FOR CONTINUOUSLY HEAT-TREATING FIBROUS MATERIALS UNDER PRESSURE.

Applicant: ASAHI KASEI KOGYO KABUSHIKI KAISHA, OF NO. 25-1, 1-CHOME, DOJIMAHAMADORI, KITA-KU, OSAKA, JAPAN.

Inventors: KAZUE TANAKA, KATSUO YAMAMOTO, HISAO NAKAMURA AND EIICHI WAKITA.

Application No. 1308/Cal/74 filed June 14, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An apparatus for continuously heat-treating various fibrous materials with a pressurized fluid, which is capable of continuously passing even knot parts or parts of varied thickness of the fibrous materials through the apparatus, wherein sealing parts and sealing fluid overflow chambers adjacent thereto are provided at both the ends of a heat-treating pressure chamber, comprises

(1) each of said sealing parts consisting of a pair of sealing boxes,

(2) each of said sealing boxes being provided with (a) a nozzle for injecting a sealing fluid on the side of said sealing box in contact with the fibrous materials to be treated which are running through the clearance between said pair of sealing boxes, said nozzle having a linear slit opened perpendicularly to the travelling direction of the fibrous materials so as to inject the sealing fluid uniformly in the transversal direction and inclined to the fibrous materials at an angle of 30° to 90° in the direction from a position remote from the heat-treating pressure chamber toward a position close thereto, and (b) a sealing fluid inlet on the side opposite to said nozzle, sealing fluid injected through said nozzle being overflown into each of said overflow chambers while preventing the pressurized fluid from leaking out the heat-treating chamber,

(3) at least one of said pair of sealing boxes being slidable by means of a sliding means whereby the clearance between the surfaces of said sealing boxes in contact with the fibrous materials is quickly adjusted correspondingly to sudden change in the thickness of the travelling fibrous materials, and

(4) the slidable sealing box being housed in a casing part whose lateral width is larger or smaller than the lateral width of the heat-treating pressure chamber through a small clearance from the casing part.

CLASS 175F. 141643.

Int. Cl.-F16j 15/00.

A METHOD OF PRODUCING CORK GASKETS.

Applicant: ENGINEERING COMPONENTS LIMITED, OF 14, LIVERPOOL ROAD, SLOUGH, BUCKINGHAMSHIRE, ENGLAND.

Inventor: HENRY WILLIAM BROOKS.

Application No. 1534/Cal/74 filed July 9, 1974.

Convention date July 13, 1973/(33467/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims. No drawings.

A method of producing cork gaskets comprising the steps of forming at least two tubes of cork composition sheet material, the inside diameter of one tube being substantially the same as the outside diameter of the other tube, assembling the tubes one inside the other with a layer of adhesive at their interface, bag-moulding the assembly around a form whilst curing the adhesive followed by slicing through the axis of the moulded assembly to produce thin sections.

CLASS 71-B & E.

141644.

Int. Cl.-E02f 3/04.

AN EXCAVATOR FOR DEEP EXCAVATIONS AND A METHOD OF OPERATING SAME.

Applicant & Inventor: ASHOK KUMAR OF 125, KASHIRAM STREET, KHATAULI, (DISTRICT MUZAFFARNAGAR) U.P. INDIA, AND VIJAY KUMAR, OF 125, KASHIRAM STREET, KHATAULI, (DISTRICT MUZAFFARNAGAR) U.P. INDIA.

Application No. 108/CAL/75 filed January 20, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Delhi Branch.

10 Claims

An excavator for deep excavations comprising a framework moving on guide strings fixed to required shape on ground with universal wheels, a drive means associated with said framework; a square or polygonal shaft held at top end by a wire rope fixed to a swivel, a set of frictional rollers or pulleys adapted to assist advance of said shaft towards locus to be excavated, gear means adapted to rotate the shaft, said gear means and said set of frictional rollers being operable one at a time by said drive means lower end of said shaft adapted to be fitted with a desired tool such as a grab means, or a rotary cutting tool, or a soil sampler or a jet cutter as required.

CLASS 32F,b. & 60X,d.

141645.

Int. Cl.-C07d 49/36.

A METHOD FOR PREPARING NITROIMIDAZOLE DERIVATIVES FOR USE IN TRICHOMONIASIS AND CANDIDIOSIS TREATMENT.

Applicant: STABILIMENTO BIOTERAPICO FARMACOLOGICO LA FARMOCHEMICA ITALIANA S.P.A. OF VIA N. D. APULIA 8,20125 MILANO, ITALY.

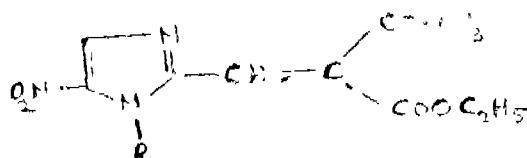
Inventor: DR. ROBERTO MONTANARI.

Application No. 267/Cal/75 filed February 12, 1975.

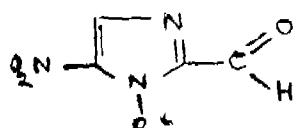
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

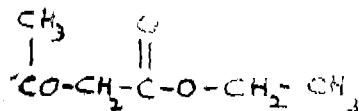
A method for preparing compounds exhibiting anti-protozoan antimicotic and antibacterial activities, having the structural formula I



wherein R may be -CH₃ or H, characterized by reacting 5-nitro-imidazolyl-2-carboxyaldehyde of formula II.



with aceto acetic acid ester of formula III.



wherein R is -H or -CH₃, if desired in presence of glacial acetic acid.

CLASS 55E.

141646.

Int. Cl.-C12k 5/00, 361k 23/00, C12b 3/16.

A METHOD OF PREPARING ATTENUATED VIRAL PREPARATIONS HAVING STABILIZED ANTIGENS.

Applicant: INSTITUT POLIOMIELITA I VIRUSNYKH ENTSEFALITOVO AKADEMII MEDITSINSKIKH NAUK SSSR, OF MOSKOVAKAYA OBLAST, P/O INSTITUTA POLIOMIELITA, U.S.S.R.

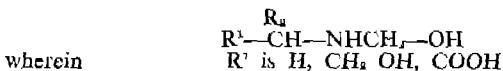
Inventors: ALEXANDR MIKHAILOVICH POVERENNY, JURY ALEXEEVICH SLIMIN, MIKHAIL PETROVICH CHUMAKOV, ANTONINA VASILIEVNA, MARIA KRONIDOVNA KHANINA, EVGENY ALEXANDROVICH TKACHENKO AND VYACHESLAV NIKOLAEVICH BASHKIRTSEV.

Application No. 1323/Cal/75 filed July 7, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings.

A method of preparing attenuated viral preparations having stabilized antigens, for the preparations of vaccine comprising attenuating a liquid virus-containing material, isolated from cells containing same by conventional methods with an aminomethylol derivative having the formula :



R¹ is H, (CH₂)_nCH₃, (CH₂)_nNH₂, (CH₂)_nCOOH, (CH₂)_nOH and n is 1-4, taken in concentrations from 6.6×10^{-3} to 1.6×10^{-3} M at a temperature from 4 to 32°C for complete attenuation of infectiosity of the virus.

CLASS 102B & D & 134D.

141647.

Int. Cl.-B62d 5/00, F15b 9/00.

HYDRAULIC CONTROL APPARATUS USED IN VEHICLE STEERING SYSTEM.

Applicant: DANFOSS/A/S, NORDBORG, DENMARK.

Inventors: JOHANNES VAGH BAATRUP, HENRIK IBSENS VEJ AND THORKILD CHRISTENSEN.

Inventors: JOHANNES VAGH BAATRUP, HENRIK IBSENS VEJ AND THORKILD CHRISTENSEN.

Application No. 116/Bom/74 filed March 26, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

16 Claims.

A hydraulic control means, especially a steering means, having a motor to which pressurized fluid is supplied both by way of a control circuit provided with a quantity-adjusting device and a power circuit having a valve arrangement which determines the quantity in the power circuit in dependence upon the quantity in the control circuit, characterized in that there is provided in the feed of the control circuit and of the power circuit a throttle valve (23, 28, 33, 38, 123, 128, 133, 138), the opening positions of each of which valves stand in a prescribed relationship to the pressure differences on both sides of the valve, and in that there is provided between the pipes (10, 11) running to the two control circuit throttle valves (23, 28; 123, 128) a pressure comparator (16, 116) which varies the pressure upstream of the power circuit throttle valve (33, 38; 133, 138) in proportion to the pressure upstream of the control circuit throttle valve.

CLASS 84B & 107G.

141648

Int. Cl.-F02m 15/00, 25/02.

A DEVICE FOR, AND A METHOD OF, PREPARING AND SUPPLYING A MIXTURE OF GASIFIED DIESEL OIL, GASIFIED PETROL AND WATER OR STEAM AS FUEL TO AN INTERNAL COMBUSTION ENGINE.

Applicant & Inventor: ARLOC JANAKIRAM LOGANATHAN, NO. 38, ST. JOHN'S ROAD, BANGALORE-560042, KARNATAKA, INDIA.

Application No. 103/Mas/74 filed June 13, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

7 Claims.

A method of preparing and supplying a mixture of gasified diesel oil, gasified petrol and water or steam as fuel to an internal combustion petrol engine comprising the steps of conveying diesel oil and petrol from the carburettor of the engine into a chamber; heating the chamber by the exhaust gases of the engine to gasify the diesel oil and petrol therein for being conveyed to the fuel inlet port of the engine; and introducing, by any known means, water in drops or a spray of steam into the gasified mass of diesel oil and petrol, before feeding the said mass into the said fuel inlet port, so as to result in efficient combustion thereof and furnish motive power.

CLASS 1A & C.

141649.

Int. Cl.-C09j 3/26.

AN ADHESIVE COMPOSITION BASED ON NATURAL POLYPHENOLS.

Applicant: INDIAN PLYWOOD INDUSTRIES RESEARCH INSTITUTE, TUMKUR ROAD, BANGALORE-560022, KARNATAKA, INDIA.

Inventors: SHANKARAYYA SHIVASANGAYYA ZOOLAGUD DFLVOPATTAM MADHAVA RAO RAGHUNATH RAO (3) TERAKANAMBI RATAGOPALIYENGAR NARAYANA PRASAD (4) TERAKANBI SHAMANNA RANGARAJU (5) KOONAPRA KUMMANCHERI MHANDAS AND DR. TOSIPPH GEORGE.

Application No. 125/Mas/74 filed July 26, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

8 Claims. No drawings.

A method of manufacture of an adhesive composition based on natural polyphenols comprising the steps of preparing a dispersion in water of a mixture of a known vegetable tannin or a blend of known vegetable tannins and one or more of finely ground proteinous substances of the type described herein in the proportion 1 : 0.15 to 1 : 2 by weight; and mixing the said dispersion with one or more known hardeners in the proportion 2% to 20% by weight of the vegetable tannin or the blend of vegetable tannins so as to obtain a mass of uniform glue consistency.

CLASS 157A, & A, & D, & 159J.

141650.

Int. Cl.-B61i 13/04 29/32.

TRAIN APPROACH ELECTRIC WARNING DEVICE FOR UNMANNED RAILWAY LEVEL CROSSING.

Applicant & Inventor: DR. KANOTH SUKUMARAN, PROF. OF ELECTRICAL ENGINEERING (RETD.), 2, CHANTAN HOUSE, CIVIL STATION, CANNANORE-2, KERALA, INDIA.

Application No. 140/Mas/74 filed August 28, 1974

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch

5 Claims.

A train approach electric warning device for unmanned railway level crossing comprising an elongated metallic light box of square cross-section mounted on a vertical post located by the side of the track at the level crossing, two of the

opposite sides of the said box facing the track being provided with a pair of light signal housings placed one above the other to emit light for warning the train driver and the other two sides of said box facing the crossroad being provided with another pair of light signal housings placed one above the other to emit light for warning the road users at the level crossing, the two top housings of the said two pairs of housings accommodating therein two primary light sources ordinarily intended to warn the driver and the road users of the approaching level crossing, the bottom two housings of the said two pairs of housings accommodating therein two auxiliary pairs of light sources intended to operate in case of failure of the said primary light sources, a storage battery, said two primary light sources being connected in series with said battery, each pair of said auxiliary light sources being connected in series to form a set of auxiliary light sources, said two sets of auxiliary light sources being connected in parallel and connected to said battery and operated by a relay actuated switch, a portion of railway track about 4 km in length and extending about two kilometers on both sides of the level crossing being insulated and each rail of said insulated track portion being connected with one end of the circuit formed by the battery and the said light sources such that the presence of a train on the insulated track will energise the primary light sources to indicate to the driver and the road users of the location of the level crossing and approaching of a train, and on failure of the primary light sources, will operate the relay actuated unit to energise the secondary light sources to warn the driver and the road users of the failure of the primary light sources.

CLASS 32F.

141651.

Int. Cl. C08d 1/00.

A PROCESS FOR THE MANUFACTURE OF A HIGH IMPACT MATERIAL SUITABLE FOR USE AS A SUBSTITUTE FOR HIGH IMPACT POLYSTYRENE BASED ON POLY BUTADIENE OR STYRENE BUTADIENE RUBBER.

Applicant & Inventor: DR. YOGINDER NATH SHARMA, MR. RAMESH CHAND JAIN, MR. VADAKKOOTT CHACKO FRANCIS, AND DR. ISITWAR SINGH BHARDWAJ, TAWAHAR NAGAR, 391 320, BARODA, GUJARAT, INDIA.

Application No. 7/Bom/75 filed January 8, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims. No drawings.

A process for the manufacture of a high impact material suitable for use as a substitute for high impact polystyrene based on polybutadiene or styrene-butadiene rubber which consists in (i) thoroughly mixing styrene with a saturated rubber, namely atactic polypnoprlyene rubber, ethylene-propylene rubber, ethylene-propylene-diene rubber and/or acrylic rubber, (ii) pre-polymerizing the mix thus obtained by (a) adding an initiator such as benzoyl peroxide, lauryl peroxide or dicetyl peroxide, and (b) heating at 80-110°C for 3-6 hours until 30% of styrene is grafted on the saturated rubber as estimated by solid content analysis followed by either (iii) suspending the prepolymer thus obtained in water in presence of a suspending agent such as poly vinyl alcohol or methyl cellulose and heating with stirring at 80-120°C for 6-10 hours or (iv) raising the temperature of prepolymer to 150-240°C for 8-10 hours.

CLASS 206E.

141652.

Int. Cl. H01H 1/16.

WHOLE-WAVE DEFECTOR.

Applicant & Inventor: KRISHNASWAMY SUBBARAO AYYAR "PADMALEYA", F-10 SEVENTH CROSS ROAD SECOND MAIN ROAD VIDYARANYAPURAM, MYSORE-570008, KARNATAKA, INDIA.

Application No. 55/Mas/75 filed April 3, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

1 Claim.

A detector circuit for amplitude modulated waves, comprising two diodes, the anode of one diode being connected to the cathode of the other on the input side, and a separate impedance being provided in the output side of each diode circuit such that the total modulation-frequency voltage produced in the output of the detector is twice that produced in the conventional linear diode detector for the same A. M. Wave input.

CLASS 28D & 113-D.

141653.

Int. Cl. F24b 3/00; F24C 5/04.

WAX LAMP.

Applicant & Inventor: BALAKRISHNA BALAVENKATARAMAN, OF 63, VYSYAL STREET, COIMBATORE-1, TAMIL NADU, INDIA.

Application No. 65/Mas/75 filed April 23, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

6 Claims.

A wax lamp comprising a metallic cup having a hollow tubular projection in the centre extending from the base of the cup to the top thereof, a tubular which surrounding the said projection and a tubular metallic cover around the said wick, the said tubular which extending above the tubular projection and the metallic cover and the cup being filled with wax.

CLASS 74 & 119F.

141654.

Int. Cl. D03d 15/00; D03j 5/02.

A LOOM AND SHUTTLE ASSEMBLY FOR THE MANUFACTURE OF A CARPET, MAT OR LIKE FLOOR COVERING.

Applicant & Inventor: VARADAPPA CHETTIAR SADASIVAM, 12-C, KOTHARI ROAD, MADRAS-600034, TAMIL NADU, INDIA.

Application No. 159/Mas/75 filed October 18, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims.

A loom and shuttle assembly for the manufacture of a carpet, mat or like floor covering constituted by natural or synthetic warp yarn or an admixture of natural or synthetic warp yarns and a weft formed out of a fabric in ribbon form, characterised by (1) a vertical adjustable sley suspended from a rigid support (2) a pair of vertically disposed spaced supporting members provided with at least pairs of slots at different predetermined heights above ground-level, each of said pairs of slots being substantially in the same horizontal plane so as to enable mating ends of a cloth roller beam to be supported in the said slots at any one of the said heights and (3) a shuttle provided with a recess wherein the said fabric in ribbon form is accommodable in folded layers; a lid for securely covering the recess, said lid having an aperture for enabling the said fabric within the recess to be readily drawn out therethrough whenever the shuttle is thrown from side to side during weaving, to form the weft.

CLASS 27K

141655

Int. Cl. E01d 19/00 101d 21/00.

HINGED AND FAST SUPPORT ESPECIALLY FOR A BRIDGE.

Applicant: FRIED KRUPP GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, OF ATTFENDORFER STRASSE 103, D-43 ESSEN, FEDERAL REPUBLIC OF GERMANY.

Inventors: JOHANNES BUSCH, HERBERT ROSEN AND HUGO SEIDLACEK

Application No. 2785/Cal/73 filed December 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A hinged and fast support for a bridge which has a roadway framework, said support comprising :

two columns at each side of said framework :

a tie beam extending between said columns in the lateral direction of said framework, said tie beam being supported by said columns and supporting said framework which is fixed to said tie beam;

two head members engaging the ends of said tie beam in load transmitting relation in such a manner that independently of one another they can freely rotate relative to said tie beam about an axis extending in the lateral direction of said framework, and means for arresting said head members in angular positions relative to said tie beam;

guide members guided along said columns;

adjusting means on each said column engaging the respective guide member for adjusting it upwards and downwards along the respective column;

each said guide member being pivoted to one of said head members so that it can freely swivel relative to the head member about an axis which extends transversely to the longitudinal axis of said tie beam.

CLASS 181.

141656.

Int. Cl. F16j 15/00.

IMPROVED GAS SEAL FOR VANE TYPE INTERNAL COMBUSTION ENGINE.

Applicant & Inventor: TONY RALPH SARICH, OF 2 HADLEY PLACE, KARRINYUP, IN THE STATE OF WESTERN AUSTRALIA. COMMONWEALTH OF AUSTRALIA.

Application No. 82/Cal/74 filed January 14, 1974.

Convention date January 16, 1973/(PR1916/73) AUSTRALIA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A rotary internal combustion engine having a housing, a shaft mounted for rotation relative to the housing, a piston member carried by said shaft a housing face on said housing, a piston face on said piston member in spaced opposed relationship to said housing face, a plurality of vanes arranged to form with said housing and said piston member a plurality of chambers which vary in capacity in response to relative rotation between said shaft and said housing, each said vane having a vane extension interposed between said housing face and said piston face, seal means on one of said faces adjacent to said vane extension walls defining an opening in said vane extension at said seal means, said opening extending through said vane extension between said faces, characterized by an insert mounted in said opening and extending therethrough in a direction normal to said one of said faces, said insert being in engagement at one end with said seal means and at the other end with the other of said faces, said insert being relatively movable with respect to said vane extension in a direction normal to said one face, at least a portion of said insert having such a close fit with said walls of said opening as to be in sealing relationship therewith, whereby the passage of gas through said opening between said insert and said vane extension is prevented.

CLASS 130D.

141657

Int. Cl. C22b 19/00.

AN IMPROVED PROCESS FOR PRODUCTION OF ZINC DUST.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventor : PROF. VISWANATH ANANT ALTEKAR AND BURCHI VENKATA SURYANARAYAN YEDVALLI.

Application No. 245/Cal/74 filed February 6, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims. No drawings.

A process for metallothermic production of zinc metal in dust form by inter-action of a zinc compound, such as, zinc-oxide with metallic reductants having high oxygen affinity such as aluminium, silicon, calcium silicide or ferro-silicon, individually or in mixes, by bringing the oxide and the reductant(s) into an intimate mixture and igniting the mixture in a closed furnace at temperatures over 1300°C, from where the released zinc metal vapours are led into a dust condenser in which the zinc in the form of fine powder is collected.

CLASS 98D & G.

141658.

Int. Cl.-F28f 27/00.

IMPROVEMENTS IN OR RELATING TO A ROTARY REGENERATIVE HEAT EXCHANGE APPARATUS.

Applicant : SVENSKA ROTOR MASKINER AKTIEBOLAG OF P.O. BOX 15085, S-104 65 STOCKHOLM 15, SWEDEN.

Inventor : HARLAN EUGENE FINEMORF.

Application No. 621/Cal/74 filed March 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

In rotary regenerative heat exchange apparatus having a horizontal rotor post, a mass of heat absorbent material carried concentrically around the rotor post to comprise an annular rotor, housing means surrounding the rotor having end plates with openings for a heating fluid and a fluid to be heated, bearing means supporting the rotor post for rotation about its axis, means for rotating the rotor about its axis to align the heat absorbent material alternately with the heating fluid and the fluid to be heated, the improvement comprising means for raising the rotor post from the bearing means comprising a yoke subuent the rotor post, an elastomeric bladder expandible against said yoke, a source of hydraulic fluid, and means for inflating said elastomeric bladder with the hydraulic fluid to force the yoke against the rotor post to support the rotor post on said yoke independent from the bearing.

CLASS 69-I & L.

141659.

Int. Cl.-H1h 9/16.

MODE OR POSITION INDICATING BUTTON FOR A SLIDER ELEMENT MOVABLY MOUNTED IN A PUSH BUTTON SWITCH.

Applicant : GLOBE-UNION INC., 5757 NORTH GREEN BAY AVENUE, MILWAUKEE, WISCONSIN 53201, UNITED STATES OF AMERICA.

Inventors : RAYMOND GEORGE HADIFIED AND KENNETH LEE ROY.

Application No. 277/Cal/75 filed February 13, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

A mode or position indicating button for a slider element movably mounted in a push button switch comprising a removable housing element for attachment to and movement with said slider element, a lens member disposed in said housing element opposite to the contact with said slider element, a holder member positioned inside said housing element and supported from said body member in a stationary manner, flexible mode indicating means secured to said holder member and extending toward said lens member, biasing means in conjunction with said holder member to secure said flexible mode indicating means between said holder member and said lens member, means defining with said lens member a guide path for a portion of said flexible

mode indicating means inside said lens member whereby movement of said housing element toward and away from said holder member effects movement of said slider element and of said flexible mode indicating means inside said guide path.

CLASS 154H.

141660.

Int. Cl.-B41f 15/00.

IMPROVEMENTS IN OR RELATING TO ROTARY PRINTING SCREEN.

Applicant : HARISH ENGINEERING WORKS, OF UMBERGAON, DISTRICT BULSAR, GUJARAT, INDIA.

Inventor : JARENDRAGANDHI, KIRTI KUMAR GANDHI, HIMATI AL GANDHI.

Application No. 27/Bom/74 filed January 19, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims.

A rotary screen for printing on sheet material in the known manner, said screen being made out of phosphor bronze wire mesh cut into size and rolled to form a rotary screen, the longitudinal edges thereof being welded together to form a seamings provided at the ends to which the ends of the rotary screen are secured and a tubular sleeve of Nylon slipped over the said round screen of phosphor bronze wire mesh which latter forms the inner screen, the outside sleeve of Nylon being retained in position on the said inner phosphor bronze wire mesh screen and the end rings by the help of an adhesive applied at the said rings.

CLASS 2A, & B.

141661.

Int. Cl.-G09f 7/00, 13/00.

AN ADVERTISING APPARATUS.

Applicant & Inventor : SURESH RATILAL NANAVATI, OF SIR VITHALDAS CHAMBERS, 16, APOLLO STREET, FORT, BOMBAY, STATE OF MAHARASHTRA, INDIA.

Application No. 273/Bom/74 filed July 25, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims.

An advertising apparatus comprising a moulded rectangular frame of a dark material and a partly transparent panel fitting in front of it the frame and the panel being non-magnetic the back of the moulded frame having a plurality of equally spaced equal parallel lengthwise channels of depth equal to or less than that of the frame and of predetermined breadth, the panel being flush with the flat ridges between the channels, the portion of the panel in front of each channel of the moulded frame carrying a plurality of predetermined transparent messages against a dark painted background, a predetermined message being rendered visible by means adapted to slide smoothly along the channels such means being, for example, provided by (a) a rectangular piece of magnetic material sliding smoothly along a channel and having its face painted in a bright colour, or (b) an electric bulb mounted on a frame-work of a magnetic material the frame-work sliding smoothly along a channel the electric bulb being in moving parallel contact with an electric circuit running through the channels, the said piece of frame-work, as the case may be, being concealed behind a vertical portion painted dark of the aforesaid panel on the right or left such means being brought behind a predetermined message by means of the movement of a magnet held externally to the aforesaid panel over the said piece of frame-work.

CLASS 205H

141662.

Int. Cl. B60c 5/00.

PNEUMATIC TYRES.

Applicant : INDUSTRIE PIRELLI SPA OF CENTRO PIRELLI PIAZZA DUCA D'OSTA NO. 3, MILAN 20100, ITALY.

Inventor : GIORGIO TANGORRA

Application No. 858/Cal/74 filed April 17, 1974.

Addition to No. 989/72.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A pneumatic tyre comprising a tread and two sidewalls comprising elastomeric material connected to the tread and terminating in tyre beads for a rigid wheel rim in which the tread is reinforced by an annular structure which is substantially inextensible under the inflation pressure in both its circumferential and lateral directions and extends axially outwardly of the zone of connection between the tread and the sidewalls, the sidewalls having a cross-sectional shape whose mid-line over substantially the whole length between the tread reinforcement and the tyre bead is convex with respect to the interior of the tyre under the tyre inflation pressure each said sidewall having a bending stiffness curvature and/or thickness sufficient to constrain the sidewall between the inextensible tread reinforcement and the bead seat on the wheel rim whereby on inflation of the tyre and under service conditions the sidewalls are placed under compressive stress.

CLASS 32-C

141663

Int. Cl. C07g 3/00

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA

Inventors : KANNAKKU SANKARA PILLAI MADHAVAN PILLAI (2) KESAWAN UNNITHAN UNNIKRISHNAN UNNITHAN

Application No. 219/Cal/74 filed February 1, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

9 Claims. No drawings.

A process for the extraction of tannin from cocoanut husk (the epicarp of cocosnucifera) for use in leather tanning by

- (i) extracting cocoanut husk with alkali solution and
- (ii) evaporating the extract under vacuum until the reduced volume contains about 10% solid characterised in that the alkali extract obtained in step (ii) is further refluxed with a reducing agent and the reduced extract is evaporated to dryness in a vacuum drier or spray drier

CLASS 40F.

141664

Int. 1. B01j 1/22

MULTI-BED ADSORBERS.

Applicant : CROFTSHAW (ENGINEERS) LTD., OF ACTION WORKS, BUTL LANE LONG MELFORD, SUFFOLK, ENGLAND.

Inventors : PERCY WILLIAM WHITE & JOHN RONALD FOXCROFT.

Application No. 607/Cal/74 filed March 20, 1974

Convention date April 26, 1973(19881/73) U. K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

13 Claims.

Adsorber apparatus comprising a closed container having a partition mounted therewithin which bisects the container to form two separate chambers, the partition being formed of

two or more permeable sections formed as shelves extending substantially horizontally part-way across the container and arranged in a vertically spaced but at least partially overlapping disposition, the direction of fluid flow being upwardly through each of the permeable sections, the free edges of the permeable sections being interconnected by one or more impermeable sections such that the undersides of all the permeable sections are presented to one chamber and the upper sides of all the permeable sections are presented to the other chamber, each shelf being adapted to support adsorbent substance and there being an inlet port and an outlet port respectively communicating with the said one and the said other chamber

CLASS 39-N.

141665

Int. Cl. C01b 17/64; C01d 11/00

ALKALI METAL DITHIONITE MANUFACTURE.

Applicant : BOC INTERNATIONAL LIMITED, FORMERLY KNOWN AS THE BRITISH OXYGEN COMPANY LIMITED, OF MAHARASHTRA HOUSE, LONDON, W69DX, ENGLAND.

Inventors : GEOFFREY MOORHOUSE GIBSON AND JOHN CROWDER.

Application No. 624/Cal/74 filed March 22, 1974

Convention date March 30, 1973(15386/73) U. K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims. No drawings

A process for preparing alkali metal dithionite which comprises reacting together at a temperature of 60 to 90°C one or both formic acid and a formate of the alkali metal, sulphur dioxide, and a basic compound of the alkali metal, all in solution or suspension in aqueous 2-methoxyethanol thereby producing anhydrous alkali metal dithionite salt.

CLASS 14-D.

141666

Int. Cl. H01m 17/00.

MAGNESIUM—MERCUROUS CHLORIDE DEPOLARISED BATTERY.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : KALLUNKAL VISVANATHA PRASAD (2) NARASIMHAN VENKATAKRISHNAN AND DR. PREM BEHARI MATHUR.

Application No. 1479/Cal/74 filed July 3, 1974

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

1 Claim. No drawings

A Magnesium-Mercurous Chloride depolarised battery comprising mercurous chloride cathode and magnesium anode and activated by inorganic electrolytes characterised in that the cathode is fabricated from a mixture of mercurous chloride, acetylene black and an organic binder such as polyvinyl alcohol, carboxymethyl cellulose, starch and the magnesium anode is magnesium or an alloy of magnesium

CLASS 32B & 40F.

141667

Int. Cl. C07c 1/02; 15/02.

ISOMERIZATION AND SEPARATION OF CYMENES FROM MIXTURES CONTAINING SAME.

Applicant : SOCIETE CHIMIQUE DES CHARBONNAGES, OF TOUR AURORF, COURBEVOIE, HAUTS-DE-FRANCE, FRANCE.

Inventors : GASTON HENRICH AND PHILIPPE GILIET.

Application No. 1791/Cal/74 filed August 9, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

11 Claims.

A improvement in the method of isomerization and separation of the ortho-, meta-and para-cymenes from mixtures containing these compounds by bringing the said mixtures into contact with HF and BF at low temperatures so as to form a preferential complex with meta-cymene, this method comprising controlling the rates of isomerization of para-cymene into meta-cymene by varying these low temperatures between a temperature lower than -50°C and a temperature lower than -5°C, inhibiting the transalkylation reaction of the cymenes into diisopropylbenzene by means of toluene, separating the upper phase or raffinate fraction containing the ortho-and para-cymenes from the lower phase constituted by the complex of meta-cymene in solution in HF, and isolating the constituents of each of these phases.

CLASS 32E & 152F.

141668.

Int. Cl. B29d 27/00; C08g 5/18; 37/06.

METHOD OF PREPARING PHENOLALDEHYDE FOAMED PLASTICS.

Applicant & Inventors: (1) VIKTOR ALEXEEVICH NOVAK SUZDALSKOE SHOSSE, 15, KV. 29, VLADIMIR, USSR, (2) JURY SEMENOVICH MURASHOV, ULITSA MIRA, 92, KV. 16, VLADIMIR, USSR, (3) VASILY DMITRIEVICH VALGIN, ULITSA TRUDA, 18, KV. 4, VLADIMIR, USSR, & (4) VSEVOLOD VASIL'YEVICH BARANOV, ULITSA MIRA, 92, KV. 9, VLADIMIR, USSR.

Application No. 2529/Cal/74 filed November 15, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings.

A method of preparing phenolaldehyde foamed plastics comprising intermixing 100 parts by weight of a phenolaldehyde oligomer, 1-30 parts by weight of a low-boiling solvent serving as a foaming agent, 10-50 parts by weight of an acidic catalyst containing sulphy groups in the aromatic ring, 0.5-5 parts by weight of a non-ionic surface-active agent and 0.5-50 parts by weight of a compound of a complex-forming metal such as Fe, V, Cr, Mn, Ni, Co, Mg, Cu, Ti; Pb in the forms of oxides, hydroxides, salts such as nitrates, sulphates, phosphates, chlorides, carbonates, oxalates, adipates, oleates, acetate, salt of acidic methylate of ortho-phthalic acid or mixtures thereof; foaming and curing of the resulting mixture without heat supply from the outside or upon heating to a temperature of at most 100°C by pouring into a mould or directly into a cavity of an article or by applying to the surface.

CLASS 202-C.

141669.

Int. Cl. C11b 11/00

RECOVERY OF SUGAR CANE WAX.

Applicant & Inventor: ALAN WAINWRIGHT LAKE, OF 3660 HIGHLAND AVENUE, BRYANSTON SANDTON, TRANSVAAL, REPUBLIC OF SOUTH AFRICA.

Application No. 2743/Cal/74 filed December 13, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No Drawings.

A method of recovering sugar cane wax from filter cake derived from the treatment of sugar cane including the steps of forming an aqueous slurry of the filter cake, the slurry containing a quaternary ammonium compound as a cationic surface active agent to weaken the bond between wax and fibers in the slurry, if the slurry is alkaline adjusting the pH of the slurry to the acid side, heating the slurry to melt the wax, adding an extractant vehicle which is a solvent for the wax to the slurry to extract the wax from the aqueous phase, and separating the extractant vehicle containing the wax from the liquid phase of the slurry.

CLASS 84-C & 139A.

141670.

Int. Cl. C10-1: 9/00 & 9/04.

DESULPHURIZING CHAR.

Applicant: OCCIDENTAL PETROLEUM CORPORATION, OF 10889 WILSHIRE BOULEVARD, LOS ANGELES, CALIFORNIA 90024, UNITED STATES OF AMERICA.

Inventors: LEON ROBINSON AND ALLAN STANLEY SASS.

Application No. 537/Cal/75 filed March 18, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No Drawings.

A method of desulphurizing char, comprising: first washing the char with an acid to react with and leach out the inorganic compounds therein, and thereafter treating said acid washed char with a gas comprising hydrogen.

CLASS 33A.

141671.

Int. Cl. B22d 13/02.

PROCESS AND INSTALLATION FOR EXTRACTING PIPES FROM A CENTRIFUGAL CASTING MACHINE.

Applicant: PONT-A-MOUSSON S.A. of 91, AVENUE DE LA LIBERATION, 54 NANCY, FRANCE.

Inventor: PIERRE HENRI MARIE FORT & MICHEL PIERREL.

Application No. 1247/Cal/75 filed June 24, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A process for extracting cast iron pipes from a centrifugal casting machine in which the pipes are extracted by extracting tongs, wherein the extracting tongs is driven in rotation at the speed of the rotation of the centrifugal casting mould before its introduction in the cast pipe and throughout the extraction of the pipe.

CLASS 32F, & F2a & F2c & 55D, & 140A,

141672.

Int. Cl. A01n 9/36; C07c 153/05 & 161/00;

C08k 1/76; C10m 1/44 & 5/24

PROCESS FOR PREPARING PHOSPHORUS AND SULFUR CONTAINING AMIDES AND THIOAMIDES.

Applicant: THE LUBRIZOL CORPORATION, P.O. BOX 17100 EUCLID-STATION CLEVELAND, OHIO 44117, U.S.A.

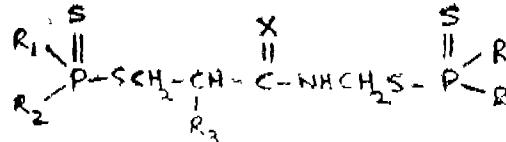
Inventor: DONALD IRVYN HOKE.

Application No. 1583/Cal/75 filed August 13, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

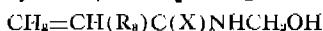
26 Claims.

A process for the preparation of compounds corresponding of the formula I.

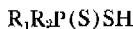


wherein R₁ and R₂ is independently, a member selected from the group consisting of hydrocarbon-based, hydrocarbon-based oxy, and hydrocarbon-based thio containing 1 to 30 carbon atoms; R₃ is a member selected from the group consisting of hydrogen, halogen, C₁-C₇ alkyl and substituted

C_1-C_7 alkyl; and X is a member selected from the group consisting of oxygen and sulfur which comprises the step of reacting a N-hydroxymethyl-acrylamide or a N-hydroxyne-thylthioacrylamide, corresponding to the formula:



Wherein R_8 is a member selected from the group consisting of hydrogen, halogen, C_1-C_7 alkyl, and substituted C_1-C_7 alkyl, and X is a member selected from the group consisting of oxygen and sulfur; with a substituted phosphinothioylthio compound corresponding to the formula:



wherein each R_1 and R_2 is, independently, a member selected from the group consisting of hydrocarbon-based, hydrocarbon-based oxy, and hydrocarbon-based thio containing 1 to 30 carbon atoms; in amounts such that there is either two (2) moles of the phosphinothiolythio compound for each mole of the acrylamide or thioacrylamide reactant, or a stoichiometric excess as herein defined of acrylamide or thio-acrylamide reactant.

CLASS 32F,b & 60X,d. 141673.
Int. Cl. C07d 27/02.

THE PREPARATION OF N-ALKENYL-2-AMINO-METHYL-PURROLIDINES.

Applicant: SACHIM S. A. OF 2, BOULEVARD DU THEATRE, 1204 GENEVA/SWITZERLAND.

Inventor: ERIC DENZLER.

Application No. 367/Cal/76 filed February 27, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process of preparing an N-alkenyl-2-aminoethyl-purrolidine comprising reacting tetrahydrolurylamine with gaseous hydrochloric acid and thionyl chloride to produce 2, 5 dichloropentylamine, hydrochloride, reacting the 2, 5 dichloropentylamine hydrochloride with acetyl chloride to produce N-acetyl-2, 5-dichloropentylamine, condensing the N-acetyl-2, 5-dichloropentylamine with an alkenylamine into an N-alkenyl-2-acetylaminomethyl purrolidine, and reacting the N-alkenyl-2-acetylaminomethyl purrolidine with a concentrated acid or alkali.

CLASS 32F,a. 141674.
Int. Cl. C07c 87/54.

PROCESS FOR THE PREPARATION OF DIPHENYLAMINE.

Applicant: BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Inventors: HANS-MICHAEL FISCHLER, (2) DIETER BAUER, (3) HEIN QUAST.

Application No. 614/Cal/76 filed April 8, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A process for the production of diphenylamine by heating aniline under a pressure between 6 and 35 bars to temperatures of 250 to 400°C, in the presence of a boron/fluorine compound such as herein described and water.

CLASS 144E. 141675.
Int. Cl. C09d; 3/20.

A PROCESS FOR THE PREPARATION OF SHELLAC EMULSION PAINTS, FOR WALL FINISHES.

Applicant: INDIAN COUNCIL OF AGRICULTURAL RESEARCH, KRISHI BHAVAN, NEW DELHI.

Inventors: (1) SRI MRITUNJOY MUKHERJEE, & SRI SHRAVAN KUMAR.

Application No. 670/Cal/76 filed April 5, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims. No drawings.

A process for the preparation of Shellac Emulsion Paints which consists in emulsifying the mixed glycerides (obtained by heating the alkali refined linseed oil with litharge and lime) with aqueous shellac varnish (a reaction product of lac and aqueous ammonia) in the presence of non-ionic emulsifier, incorporating therein a drier such as cobalt naphthenate, a thickening agent such as sodium carboxy methyl-cellulose and a fungicidal agent such as pentachlorophenol and thereafter pigmenting it with titanium dioxide and tinting with coloured pigment pastes.

CLASS 39-O.

141676

Int. Cl. C01b 33/20.

HYDRAULIC SYSTEM CONTAINING AN ORTHOSILICATE ESTER HYDRAULIC FLUID.

Applicant: CASTROL LIMITED, OF BURMAH HOUSE, PIPER'S WAY, SWINDON, WILTSHIRE, ENGLAND, (FORMERLY OF BURMAH-CASTROL HOUSE, MARYLEBONE ROAD, LONDON, NW1 5AA, ENGLAND).

Inventors: JOHN SCOTCHFORD ELLIOTT, (2) GERALD JOHN JOSEPH JAYNE, (3) HERBERT FRANK ASKEW, (4) COLIN JOHN HARRINGTON

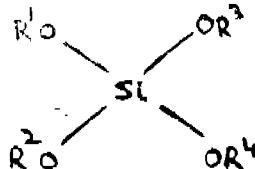
Application No. 55/Cal/74 filed January 9, 1974.

Convention date January 10, 1973 (1409/73) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims.

A conventional hydraulic system for transmitting power by hydraulic means which system contains a hydraulic fluid comprising at least one novel orthosilicate ester having the general formula 1.



wherein R^1 is a propylene glycol monoalkyl ether residue containing from 1 to 8 carbon atoms in the terminal alkyl group or is a tertiary alkyl group; each of R^2 , R^3 and R^4 is the same or different and is an ethylene or propylene glycol monoalkyl ether residue containing from 1 to 8 carbon atoms in the terminal alkyl group or is a tertiary alkyl group, provided that when R^1 is a propylene glycol monoalkyl ether residue each of R^2 , R^3 and R^4 are also propylene glycol monoalkyl ether residues; the total number of carbon atoms, in R^1 , R^2 , R^3 and R^4 being at least 15 and at least one of R^1 , R^2 , R^3 and R^4 being a glycol monoalkyl ether residue.

CLASS 25A & B & 32E.

141677.

Int. Cl. -B28b 7/14.

PROCESS FOR THE MANUFACTURE OF SILICA REFRACTORY ARTICLES.

Applicant: DALMIA INSTITUTE OF SCIENTIFIC & INDUSTRIAL RESEARCH, OF RAJGANGPUR, DISTT. SUNDARGARH, ORISSA, INDIA.

Inventors: DR. JAJNYADATTA PANDA AND ASHOK KUMAR TRIPATHY.

Application No. 2473/Cal/74 filed November 11, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

A process for the manufacture of refractory silica bricks, blocks, slabs, tiles and like shaped articles which comprises adding 0.2 to 10% by wt. of zircon sand and/or flour to particles of quartzite and like siliceous materials with or without the addition of silica grog and with the addition of organic and/or inorganic binders with the optional addition of additives, intimately mixing the ingredients with water, moulding the wet composition into desired shapes, drying and firing the shaped articles at a temperature not less than 1300°C preferably at a temperature above 1350°C.

CLASS 98H & 116F. 141678.

Int. Cl.-B66f 9/24.

THERMAL JACKING MEANS.

Applicant: SVENSKA ROTOR MASKINER AKTIEBO-LAG, OF P.O. BOX 15085, S-104 65 STOCKHOLM 15, SWEDEN.

Inventor: WENDELL XAVIER COLEGROVE.

Application No. 620/Cal/74 filed March 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A jacking means for applying a concentrated force to a given load, comprising a rod-shaped jacking element having a fixed end and movable end that abuts said load, heating means associated with at least a central portion of said rod-shaped jacking element and a heat regulating means for applying closely regulated heat to said element intermediate the fixed and movable ends, whereby said element is subjected to thermal expansion in accordance with its coefficient of expansion and temperature rise to increase the distance between the ends thereof and move said load.

CLASS 107J. 141679.

Int. Cl.-F02n 17/00.

AN APPARATUS FOR USE IN STARTING AN INTERNAL COMBUSTION ENGINE.

Applicant: C.A.V. LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Inventors: TERENCE LESLIE TOMBS, BRIAN LESLIE MILIS AND DEXTER WILLIAM SMITH.

Application No. 2656/Cal/73 filed December 5, 1973.

Convention date December 7, 1972 (56505/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

An apparatus for use in starting an internal combustion engine, including a body, an electrical heating element carried by the body, and an electrode carried by the body and electrically connected to the heating element so that current can be supplied to the heating element to raise its temperature, the heating element being in the form of a sintered, electrically conducting, refractory composite having a central portion interposed between a pair of outer portions, each outer portion containing a metal.

CLASS 14D.. 141680.

Int. Cl.-H01m 27/04.

IMPROVEMENTS IN OR RELATING TO FUEL CELLS.

Applicant & Inventor: DOCTOR PREM BEHARI MATHUR AND SHRI NATCHI MUNIVANDI, CECRI-NAGAR, KARAIKUDI-623003, TAMIL NADU, INDIA.

Application No. 114/Mas/74 filed July 3, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

4 Claims. No drawings.

A fuel cell comprising of an oxygen depolarised cathode coupled with a metallic or non-metallic fuel material anode and an electrolytic solution wherein the cathode consists of a

metallic grid, having compressed on it a substrate made of a mixture of 85% to 95% of a metal oxide such as cobalt oxide, nickel oxide, lead-dioxide, silver oxide or aluminium oxide and 5% to 15% of a conducting material such as silver powder, nickel powder, cobalt powder or acetylene black; the said mixture being bound together by a known binding agent.

CLASS 13A & 143D, & D₄. 141681.

Int. Cl.-B31d 3/04.

PROCESS FOR CONTINUOUSLY FORMING COMPARTMENTED PACKAGES.

Applicant: E. I. DU PONT DE NEMOURS AND COMPANY, LOCATED AT WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventors: THEODORE EDWARD BROWN, JR. AND FRANK MARSDEN WILLIS.

Application No. 102/Cal/74 filed January 15, 1974.

* Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Process for making and filling a multi-compartmented package wherein a web of pliable film is passed over a convoluted cylindrical forming member so as to form a convoluted tube with longitudinal edges overlapping to provide inner ply and outer ply portions, sealing the inner ply to the outer ply portion adjacent the outer edge of the web to produce a single linear juncture, feeding different fluent materials through filling members passing through the convoluted cylindrical forming member into the compartments separated by the inner ply portion of the web, and sealing and severing the tube at spaced intervals to form a series of multi-compartmented tubular filled packages.

CLASS 40F. 141682.

Int. Cl.-C09b 35/10.

PROCESS FOR TRANSFORMING A DISAZO PIGMENT INTO A NOVEL PHYSICAL FORM.

Applicant: HOECHST AKTIENGESELLSCHAFT, OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors: JOACHIM RIBKA, WOLFGANG RIEPER AND SIEGFRIED SCHWERIN.

Application No. 114/Cal/74 filed January 16, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A method for transforming the disazo pigment of the chemical formula IA.



into a novel physical form characterized by a specific surface of 10-20, preferably 12-17, m²/g, a maximum of the grain size distribution of between 500 and 1000 nm with a proportion of these grain sizes in the total distribution of at least 30% and by a proportion of the grain sizes exceeding 1000 nm of no more than 25% in the total distribution wherein the said disazo pigment of formula IA is heated to temperatures above 100°C in a mixture of water and a solvent which is immiscible with water or miscible with water to a limited degree only.

CLASS 40F.

Int. Cl.-C09b 35/10. 141683.

A PROCESS FOR TRANSFORMING A DISAZO PIGMENT INTO A NOVEL PHYSICAL FORM.

Applicant: HOECHST AKTIENGESELLSCHAFT, OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

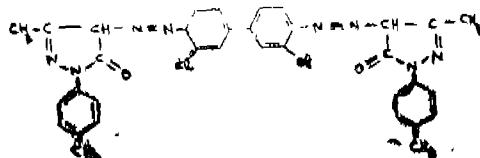
Inventors: KLAUS HUNGER, JOACHIM RIBKA AND WOLFGANG RIEPER.

Application No. 115/Cal/74 filed January 16, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A method for transforming the disazo pigment of the chemical formula IB.



in to a novel physical form characterized by a specific surface of 12-30, preferably 15-25, m²/g, a maximum of the grain size distribution of between 250 and 500 nm and a portion of these grain sizes in the total distribution of 35-65% preferably 45-60% wherein the said disazo pigment of formula IB is heated to temperatures above 100°C in a mixture of water and a solvent which is immiscible with water or miscible with water to a limited degree only.

CLASS 40F.

141684.

Int. Cl.-C09b 35/10.

A METHOD FOR TRANSFORMING A DISAZO PIGMENT INTO A NOVEL PHYSICAL FORM.

Applicant: HOECHST AKTIENGESELLSCHAFT, OF 45, BRUNIGSTRASSE, FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY.

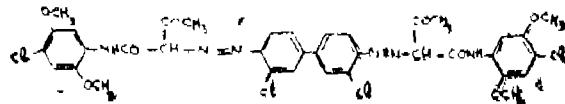
Inventors: KLAUS HUNGER, JOACHIM RIBKA AND WOLFGANG RIEPER.

Application No. 116/Cal/74 filed January 16, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A method for transforming the disazo pigment of the formula IC.



into a novel physical form characterized by a specific surface of 12-20 m²/g, a maximum of the grain size distribution of between 500 and 1000 nm and a proportion of these grain sizes in the total distribution of between 35 and 65%, wherein the said disazo pigment of formula IC is heated in a mixture of water and of an organic solvent which is immiscible with water or miscible with water to a limited degree only to temperatures above 100°C.

CLASS 44D_a & D_b.

141685.

Int. Cl.-B60r 7/00.

BRAKE CONTROL VALVE APPARATUS.

Applicant: ANNA MILDRED YARBER, 5745 PLATEAU DRIVE, FELTON, CALIFORNIA 95018, UNITED STATES OF AMERICA.

Inventor: GORDON WINSTON YARBER.

Application No. 155/Cal/74 filed January 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Brake control apparatus for supplying a brake actuating fluid pressure to a vehicle wheel brake in response to an electrical command signal, comprising,

monitor means for producing an electrical monitor signal representative of the actual value of a fluid output pressure,

circuit means for deriving an electrical difference signal which represents the difference between the command signal and the monitor signal and has a normal equilibrium value,

control means responsive to deviation of the difference signal from said equilibrium value and effective to alter the value of said output pressure in a direction to restore the difference signal to said equilibrium value,

and means for supplying to the brake a brake actuating pressure derived from said output pressure;

said apparatus being further characterized in that said control means comprise

pressure regulating valve means (80), including a valve actuating member (90), for maintaining said output pressure proportional to a control force applied to the valve actuating member,

a member (94) movable in response to an applied fluid control pressure,

resilient means (92) coupling the movable member and the valve actuating member for exerting upon the valve actuating member a yielding force which varies with the position of the movable member, the force so exerted on the valve actuating member comprising said control force,

and pilot valve means (100, 110) for developing said control pressure in response to said difference signal, said pilot valve means being effective to increase the control pressure in response to departures of said difference signal in respective directions from said equilibrium value,

and said monitor means comprise transducer means (50) coupled to said movable member and responsive to the position thereof.

CLASS 128G.

141686.

Int. Cl.-A61b 5/14.

A DEVICE FOR USE IN THE COLLECTION OF BLOOD.

Applicant & Inventor: LOUIS BUCALO, OF 155 ROBERTS STREET, HOLBROOK, NEW YORK, UNITED STATES OF AMERICA.

Application No. 272/Cal/74 filed February 11, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

For use in the collection of blood in the interior of a living being, a device capable of being introduced into and removed from the interior of a body cavity and capable of receiving and holding blood while in the interior of the body cavity, said device comprising an outer holder formed with an entrance means through which blood can flow to the interior of the holder, and retaining means situated within and held by said holder for retaining in the interior of the latter blood which enters through said entrance means.

CLASS 128G.

141687.

Int. Cl.-A61b 10/00. 5/14.

DEVICE FOR TESTING FOR THE PRESENCE OF MICROORGANISMS.

Applicant & Inventor: LOUIS BUCALO, OF 155 ROBERTS STREET, HOLBROOK, NEW YORK, UNITED STATES OF AMERICA.

Application No. 273/Cal/74 filed February 11, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A device to test for the presence of micro-organisms, comprising a culture medium for promoting the growth of micro-organisms, and carrier means carrying the culture medium and having with the latter a configuration and size enabling the carrier means and culture medium carried thereby to be comfortably introduced into a body cavity and temporarily retained therein with the culture medium being exposed by the carrier means to the presence of micro-organisms which are suspected in the body cavity.

CLASS 24F. 141688

Int. Cl.-B60t 1/02

IMPROVEMENTS IN OR RELATING TO VEHICLE RETARDATION.

Applicant: BRITISH INDUSTRIAL PLASTICS LIMITED OF 77 TOWER STREET, MANCHESTER M2 2EA, ENGLAND.

Inventor: DENNIS HENRY OGDFN.

Application No. 560/Cal/74 filed March 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

13 Claims. No drawings.

A vehicle deceleration bed comprising at least two portions of a non-resilient cured foam of an aminoplast resin material, the density and/or compressive strength (as hereinbefore defined) of the foam in one portion being different from that of the adjacent portion.

CLASS 131B. 141689.

Int. Cl.-B23b 49/00.

A LOGGING-WHILE-DRILLING SYSTEM FOR CONTROLLING THE DATA RATE OF A DOWNHOLE ACOUSTIC TRANSMITTER

Applicant: MOBIL OIL CORPORATION, OF 150 EAST 42ND STREET, NEW YORK, NEW YORK, 10017, UNITED STATES OF AMERICA.

Inventors: BOBBIE JOE PATTON, JAMES HOWARD SEXTON AND JOHN WOODROW HARRELL.

Application No. 562/Cal/74 filed March 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

5 Claims.

A logging-while-drilling system for controlling from the surface of the earth the rate at which data derived from measured downhole conditions is transmitted from a downhole acoustic transmitter to the surface of the earth, comprising:

(a) means for varying from the surface of the earth the operating parameters of the logging-while-drilling system,

(b) means, located downhole for detecting variations in said operating parameters and producing a first control signal for the period of time at least one of said operating parameters is within a predetermined range, and

(c) means, responsive to said first control signal for providing timing pulses which set the data rate of the downhole acoustic transmitter, the timing pulses being representative of the period of said control signal, whereby the data rate setting is controlled from the surface of the earth by controlling the period of time said operating parameter is within a predetermined range.

CLASS 40B. 141690

Int. Cl.-B01J 11/16.

A PROCESS FOR PREPARING A NAPHTHA REFORMING CATALYST.

Applicant & Inventor: GDAL NOSSONOVICH MASLYANSKY OF LENINGRAD, PROSPEKT, 189, KV.64 MOSKOVSKY, USSR. (2) BORIS BORISOVICH ZHAR-

KOV, OF LENINGRAD SUVOROVSKY PROSPEKT, 61, KV.31, USSR. (3) SOFYA ABRAMOVNA BARKAN, OF LENINGRAD, ULITSA SHOTMANA, 18, KV. 60, USSR AND TIMUL MIKHAILOVICH KLIMENTKO, OF LENINGRAD, PROSPKKT SHVERNKA, 3, KV.63, USSR

Application No. 590/Cal/74 filed March 19, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

A process for preparing a naphtha reforming catalyst on alumina support material which comprises depositing, by conventional methods, platinum, chlorine and rhodium from their salts or aqueous solutions comprising compounds of these elements on alumina support, characterized by the improvement that salts or compounds of cadmium are additionally used in said methods such that the final catalyst comprises 0.1 to 1.0 wt. % platinum, 0.1 to 3.0 wt. % chlorine, 0.5 to 1.0 wt. % cadmium and 0.5 to 0.1 wt. % rhodium the balance being x-alumina support material.

OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. Pulling & Lifting Machines Private Limited to the grant of a patent on application No. 140117 made by M/s. Lifting Equipments & Accessories.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

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PATENTS SEALED

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139658 139690 139692 139695 139697 139706 139711 139727
139734 139735 139737 139741 139742 139743 139746 139748
139753 139754 139785 139829 139857 139860 139913

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

The amendment proposed by "Pfizer Inc." in respect of patent application No. 138789 as advertised in Part III, Section 2 of the Gazette of India dated the 6th November 1976 have been allowed.

(2)

The amendments proposed by Hoechst Aktiengesellschaft in respect of patent application No. 139504 as advertised in Part III, Section 2 of the Gazette of India dated the 30th October 1976 have been allowed.

**REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.
(PATENTS)**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

130653 } M/s. Diamond Shamrock Technologies S.A
134061. }

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent bracket, are the dates of the patents.

No. & Title of the invention.

- 75661 (20.4.1972) A new process for preparing thiomene derivatives.
- 79266 (20.4.1972) Process for the preparation of the therapeutic active derivative of the 8-hydroxyquinoline.
- 114215 (20.4.1972) Process for preparing basic ester, with cardiovascular activity.
- 125424 (20.4.1972) Process for the preparation of triazole derivatives.
- 126988 (9.6.1970) A process for the recovery of silver and cellulosic bases from waste films.
- 127764 (20.4.1972) Microbiological production of fermentation products rich in amino acids, protein, and vitamins.
- 131230 (4.5.1971) Process for the production of an edible protein.
- 131529 (20.4.1972) Process for the preparation of 3-alkyl-7-phenylpyrimido [1, 2-a] [1, 4] benzodiazepin-1 (5H)-one.
- 132083 (20.4.1972) Process for producing anhydrous smallpox vaccine.
- 132365 (3.8.1971) A process for preparing sulfinyl- or sulfonyl-pyridine compounds.
- 132667 (20.4.1972) Process for the production of 1, 3-dihydro-5-phenyl-2H-1, 4-Benzodiazepine-2-thione and derivatives thereof.
- 132671 (20.4.1972) Novel-1-substituted 6-phenyl-4H-S-triazole [4, 3-a][1, 4] benzodiazepines and a process for the production thereof.
- 132672 (20.4.1972) Novel-1-trifluoromethyl-6-phenyl-4H-S-triazolo [4, 3-a][1, 4] benzodiazepines and a method for the production thereof.
- 133090 (1.10.1971) Improvements in or relating to preparation of 2, 2-trichloro-1-1-dl (4-chlorophenyl) ethanol.

RENEWAL FEES PAID

75647 79544 79986 80734 81035 81147 81201 81346 81436
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115209 115214 115300 115376 115377 115618 115727 116073
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120352 120373 120460 120463 120506 120529 120530 120535
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125622 125651 125674 125720 125820 125857 125860 125888
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79030 79064 79079 79080 79149 79156 79175 79264 79305
79307 79319 79375 79394 79420 79430 79441 79448 79460
79470 79471 79505 79514 79516 79517 79524 79542 79611
79631 79652 79658 79665 79687 79735 79776 79819 79820
79879 79927 79933 79934 79970 79978 80022 80044 80057
85554 88871 97882 134329 134332 134333 134334

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 144350, Brightway Anodisers and Metachemicals Private Limited, an Indian Company incorporated under the Companies Act, 1956, at Ravi Industries Compound, Nawpada, Thana-400 602, in the State of Maharashtra. "Folding beds." June 2, 1976.

Class 1. Nos 144460 to 144462, Fazal Elahi & Sons, Bazar Chowk, Moradabad, Uttar Pradesh, a firm registered under the Indian Partnership Act, 1932. "Coffee pot", July 2, 1976.

Class 1. No. 144477, Trupti Industries, an Indian Partnership Firm, at Roxy Chambers, New Queen's Road, Bombay-400 004, Maharashtra, India. "Tawa". July 5, 1976.

- Class 1. No. 144498. Navjivan Optical Industries, Jivdani Road, Jama Niva, Virar (East), Maharashtra, India, an Indian Partnership firm. "Ring for spectacle frames". July 12, 1976.
- Class 1. No. 144613. Shri Khemi Electric Industries a registered Indian partnership firm, at 202, Sati Industrial Estate, I.B., Patel Road, Goregaon (East), Bombay-400063, Maharashtra (India). "Pendent electric holders". August 11, 1976.
- Class 1. Nos. 144692 & 144693. Pravinkant Girijashanker Shukla karta P. G. Shukla H. U. F., (2) Girijashanker Manishankar Shukla karta G. M. Shukla H. U. F. and (3) Ravindra Girijashanker Shukla karta R. G. Shukla H. U. F., Indian Nationals, trading under the name and style of Chetan Corporation, at 'Aryan Mahal, 5th Floor, 'C' Road, Bombay-400020, State of Maharashtra, India. "Pump". September 2, 1976.
- Class 1. No. 144744. Swastika Industry, Sachaindratal Sarani, (Baguihati) P.O. Aswininagar, Calcutta-700059, West Bengal, an Indian partnership concern. "Smokeless oven". September 21, 1976.
- Class 1. No. 144831. Neelam Metal Industries, an Indian Sole proprietor firm of Fafadia Industrial Estate, village Waliv, Tq. Bassein (East), Distt. Thana, Maharashtra, India. "Idli stand". October 19, 1976.
- Class 3. No. 144447. Trupti Industries, an Indian Partnership Firm at Roxy Chambers, New Queen's Road, Bombay-400004, Maharashtra, India. "Tin cutter". June 30, 1976.
- Class 3. No. 144552. Rajpal Plastic Industries, 303, Neelkanth, 98, Marine Drive, Bombay-400002, Maharashtra, India, an Indian Partnership Firm. "Mirror". July 26, 1976.
- Class 3. No. 144553. Rajpal Plastic Industries, 303, Neelkanth, 98, Marine Drive, Bombay-400002, Maharashtra, India, an Indian Partnership Firm. "Brush". July 26, 1976.
- Class 3. No. 144567. Skil Products, 84/94, Central Studio House, near Air Condition Market, Tardeo, Bombay-34, Maharashtra State, an Indian Partnership Firm. "Penstand-cum-slip box with ball pen". July 29, 1976.
- Class 3. Nos. 144593 & 144594. Kukreja Bros. of Adhyaru Industrial Estate, Unit-328, 3rd Floor, New Sun Mill Compound, Lower Parcel, Bombay-400013, an Indian Registered Partnership Firm. "Pencil box". August 9, 1976.
- Class 3. No. 144612. Shri Khemi Electric Industries, a registered Indian partnership firm, at 202, Sati Industrial Estate, I.B. Patel Road, Goregaon (East), Bombay-400063, Maharashtra (India). "Batten electric holder". August 11, 1976.
- Class 3. No. 144614. Shri Khemi Electric Industries, a registered Indian Partnership firm, at 202, Sati Indust. Estate, I.B. Patel Road, Goregaon (East), Bombay-400063, Maharashtra (India). "Angle electric holder". August 11, 1976.
- Class 3. No. 144639. Satguru Industries, 413/E, Vasant Wadi, Kalbadevi Road, Bombay-400002, Maharashtra, an Indian Partnership firm. "Light reflector". August 16, 1976.
- Class 3. No. 144640. Satguru Industries, 413/E, Vasant Wadi, Kalbadevi Road, Bombay-400002, Maharashtra, an Indian Partnership firm. "Cap of light reflector". August 16, 1976.
- Class 3. Nos. 144674 to 144680. Mona Toys Industries, a partnership firm, of C-124, Rewari Line, Industrial Area, Phase-II, Maya Puri, New Delhi-110027, India. "Toys". August 27, 1976.
- Class 3. No. 144719. Speedex Automobiles, 720, Parekh Market 39, Kennedy Bridge, Opera House, Bombay-400004, Maharashtra State, an Indian Partnership Firm. "Wheel cap". September 9, 1976.
- Class 3. Nos. 144809 to 144811. Murphy India Limited, an Indian Company existing under the Companies Act, 1956, at "NIRMAL" 241-242, Backbay Reclamation, Nariman Point, Bombay-400021, State of Maharashtra, India. "A radio-cum-transistor case". October 16, 1976.
- Class 3. No. 144849. Trescho Incorporation, of 288/90, Nagdevi Street, 1st Floor, Room No. 12-A, Bombay-400003, State of Maharashtra, India, a partnership firm registered under the Indian Partnership Act. "Container". October 28, 1976.
- Class 3. No. 144953. Pams Industries, of Unit No. 9, Ground Floor, 4-B, Shanti Nagar, Vakola, Santa-cruz East, Bombay-400055, State of Maharashtra, India, a partnership firm registered under Indian Partnership Act. "Soap box". November 25, 1976.
- Class 6. No. 144644. P. Ram Chand & Company, an Indian Partnership concern, Post Box No. 815, Bath Nau, Jullundur City (Punjab), India. "A ball". August 16, 1976.

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FIVE YEARS*

Design Nos. 139361, 139884, 140399, 140478, 140479 & 140513 ... Class 3.

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FIVE YEARS*

Design No. 131479 Class 1.
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Amrey, R. K.—8/Del/77
Aneja, R. P.—67/Cal/77

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Brugman-Machinenfabrik B. V.—140/Cal/77

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 Wilson, A. D. G.—132/Cal/77
 Wootten, Carl B.—33/Cal/77

S. VEDARAMAN

Controller-General of Patents, Designs
 and Trade Marks.